

Table 2.8: SSES Basin Summary

No. (Count)	Basin No. ¹	Pump Station No./ Service Area Name	LF Sewer Main	LF Force Main	# MHs	# of Laterals	PS Type	Flow Monitor/ Assoc./ Excluded	Projected 10 yr. 24 hr PHF (gpm)	Peak Flow Threshold (gpm)	Exceeds Peak Flow Threshold	Pump Station Run Time	Excessive Pump Runtime	Un-resolved SSOs	SSES Basin/ Area	Comments
1	1	PS No. 1	25,618	1,109	106	707	lift	Assoc. w/ SA No. 37	419,532	478,950	No	5.10	No	No	No	
2	2	PS No. 2	1,341	1,402	8	48	lift	Assoc. w/ SA No. 35	53,743	50,829	Yes	10.80	No	No	Yes	
3	3	PS No. 3	4,030	167	21	43	pump	Assoc. w/ SA No. 121	391,276	55,187	Yes	12.40	No	No	Yes	
4	4	PS No. 4	6,055	476	23	97	pump	Assoc. w/ SA No. 21	218,619	70,183	Yes	3.20	No	No	Yes	
5	5	PS No. 5	7,681	17	41	160	pump	Assoc. w/ SA No. 21	449,093	98,476	Yes	3.70	No	No	Yes	
6	7	PS No. 6	15,866	1,382	75	318	pump	Assoc. w/ SA No. 12	620,828	431,147	Yes	4.40	No	No	Yes	
		PS No. 7	23,895	1,368	120	486	pump	Assoc. w/ SA No. 48	3,460,263	357,926	Yes	10.70	No	No	Yes	
7	9	PS No.18	0	0	0	0	pump	Excluded	NA	NA	Excluded	NA	NA	NA	Excluded	Small grinder pump low pressure force main
		PS No.19	0	0	0	0	pump	Excluded	NA	NA	Excluded	NA	NA	NA	Excluded	Small grinder pump low pressure force main
8	10	PS No. 10	7,322	1,567	31	132	lift	Monitor	851,846	99,975	Yes	Not avail.	Yes	No	Yes	
9	11	PS No. 11	68,267	7,491	318	1598	pump	Assoc. w/ SA No. 23	1,418,691	1,223,601	Yes	10.00	No	No	Yes	
10	14	PS No. 12	16,685	3,133	66	453	pump	Monitor	522,224	374,511	Yes	Not avail.	Yes	No	Yes	
		PS No. 14	16,460	6,469	60	411	pump	Assoc. w/ SA No. 12	545,343	304,465	Yes	9.30	No	No	Yes	
		PS No. 15	5,734	859	18	55	pump	Assoc. w/ SA No. 21	302,098	41,075	Yes	4.10	No	No	Yes	
11	13	PS No. 13	13,194	2,921	55	175	pump	Assoc. w/ SA No. 12	375,149	139,305	Yes	4.90	No	No	Yes	
		PS No. 27	60,667	8,422	292	1340	pump	Assoc. w/ SA No. 23	1,198,765	1,026,520	Yes	8.10	No	No	Yes	
12	16	PS No. 16	4,972	853	27	233	pump	Assoc. w/ SA No. 21	328,142	179,546	Yes	4.10	No	No	Yes	
13	17	PS No. 17	5,506	2,084	121	554	pump	Assoc. w/ SA No. 21	1,608,985	303,329	Yes	5.80	No	No	Yes	

¹ Note: The basins were delineated by determining the point where the City's ownership ended and HRSD's began. Everything connected upstream of that point was considered part of the basin

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14	20	PS No. 20	2,636	749	16	83	lift	Assoc. w/ SA No. 21	173,848	80,051	Yes	3.10	No	No	Yes	
15	21	PS No. 21	12,101	3,782	53	512	lift	Monitor	504,127	436,943	Yes	Not avail.	Yes	No	Yes	
16	22	PS No. 22	24,029	1,911	106	490	pump	Assoc. w/ SA No. 23	439,968	382,386	Yes	12.30	No	No	Yes	
17	23	PS No. 23	48,424	8,493	228	1021	lift	Monitor	2,162,576	2,101,024	Yes	5.90	No	No	Yes	
		PS No. 28	1,732	521	13	27	pump	Assoc. w/ SA No. 51	114,829	20,267	Yes	2.10	No	No	Yes	
		PS No. 34	5,886	3,936	24	142	pump	Assoc. w/ SA No. 35	229,325	102,438	Yes	2.60	No	No	Yes	
		PS No. 35	4,863	1,833	32	373	pump	Monitor	188,725	293,844	No	5.90	No	No	No	
		PS No. 36	52,041	4,795	247	1100	pump	Assoc. w/ SA No. 23	999,806	902,257	Yes	8.50	No	No	Yes	
18	24	PS No. 24	3,299	185	16	87	lift	Monitor	0	70,729	Yes	Not avail.	Yes	No	Yes	Surcharged, 9/25 rain event 3.51"
19	25	PS No. 25	1,057	1,754	4	16	pump	Assoc. w/ SA No. 35	30,892	11,625	Yes	Not avail.	Yes	No	Yes	
		PS No. 26	11,208	1,627	49	243	pump	Monitor	194,541	187,550	Yes	Not avail.	Yes	No	Yes	
20	32	PS No. 30	15,120	3,690	46	296	lift	Assoc. w/ SA No. 47	180,669	236,009	No	5.00	No	No	No	
		PS No. 32	17,897	6,135	68	517	pump	Assoc. w/ SA No. 26	252,761	398,444	No	26.70	Yes	No	Yes	
21	31	PS No. 31	45,512	2,605	179	742	pump	Assoc. w/ SA No. 23	670,027	607,281	Yes	7.40	No	No	Yes	
22	33	PS No. 33	26,588	2,794	117	569	pump	Assoc. w/ SA No. 44	0	431,314	No	4.90	No	No	No	Assoc. basin has low flow, no response to wet weather 9/25 rain event 3.51"
23	37	PS No. 37	27,980	3,513	153	625	lift	Monitor	478,921	484,550	No	9.80	No	No	No	
		PS No. 38	2,130	2,908	12	18	pump	Assoc. w/ SA No. 162	154,073	12,406	Yes	Not avail.	Yes	No	Yes	
		PS No. 41	18,989	12,937	81	411	pump	Assoc. w/ SA No. 42	0	316,206	No	6.90	No	No	No	Assoc. basin has low flow, no response to wet weather 9/25 rain event 3.51"
		PS No. 42	20,010	5,553	97	405	pump	Monitor	0	312,325	No	5.60	No	No	No	Low flow, no response to wet weather, 9/25 rain event 3.51"
24	43	PS No. 43	19,251	1,400	93	456	pump	Assoc. w/ SA No. 42	0	350,300	No	5.00	No	No	No	Assoc. basin has low flow, no response to wet weather 9/25 rain event 3.51"
25	44	PS No. 44	21,371	11,429	111	477	pump	Monitor	0	365,292	No	4.10	No	No	No	Low flow, no response to wet weather, 9/25 rain event 3.51"

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26	48	PS No. 45	1,962	2,736	12	37	lift	Assoc. w/ SA No. 51	129,404	26,350	Yes	14.30	No	No	Yes	
		PS No. 46	0	0	0	0	lift	Excluded	NA	NA	Excluded	0.00	No	No	Excluded	Private gravity sewer only
		PS No. 47	14,293	3,234	41	186	pump	Monitor	215,224	143,045	Yes	6.20	No	No	Yes	
		PS No. 48	30,228	17,239	141	543	pump	Monitor	6,534,264	558,911	Yes	Not avail.	Yes	No	Yes	
27	51	PS No. 51	3,042	1,184	15	233	pump	Monitor	201,651	178,554	Yes	4.40	No	No	Yes	
28	105	PS No. 98	1,800	774	5	9	pump	Assoc. w/ SA No. 162	65,230	4,078	Yes	Not avail.	Yes	No	Yes	
		PS No. 105	11,280	5,987	53	280	pump	Assoc. w/ SA No. 37	164,943	221,728	No	8.40	No	No	No	
		PS No. 106	36,614	10,633	219	1025	pump	Assoc. w/ SA No. 37	842,699	836,171	Yes	8.00	No	No	Yes	
		PS No. 111	23,763	2,260	90	403	pump	Assoc. w/ SA No. 37	402,347	325,571	Yes	4.00	No	No	Yes	
		PS No. 112	3,532	1,591	16	80	pump	Assoc. w/ SA No. 121	374,256	58,125	Yes	2.10	No	No	Yes	
29	104	PS No. 100	10,139	1,027	64	200	lift	Assoc. w/ SA No. 130	0	110,950	Yes	10.30	No	No	Yes	Assoc. basin surcharged 9/25 rain event 3.36"
		PS No. 104	15,208	2,107	66	154	pump	Assoc. w/ SA No. 143	3,649,844	322,708	Yes	8.40	No	No	Yes	
		PS No. 113	67,771	5,149	324	1328	lift	Assoc. w/ SA No. 23	1,253,383	1,056,396	Yes	6.60	No	No	Yes	
		PS No. 114	17,482	9,439	84	700	pump	Assoc. w/ SA No. 37	299,954	567,248	No	10.20	No	No	No	
		PS No. 115	70,946	3,378	344	1812	pump	Assoc. w/ SA No. 23	1,439,731	1,388,645	Yes	13.30	No	No	Yes	
30	101	PS No. 101	9,542	1,816	42	196	pump	Assoc. w/ SA No. 21	608,536	125,073	Yes	5.20	No	No	Yes	
31	102	PS No. 102	42,697	2,111	164	962	lift	Assoc. w/ SA No. 23	731,613	728,553	Yes	10.30	No	No	Yes	
32	103	PS No. 103	4,060	685	16	19	pump	Assoc. w/ SA No. 143	904,270	17,243	Yes	3.00	No	No	Yes	
33	107	PS No. 107	14,664	1,042	81	682	pump	Assoc. w/ SA No. 12	604,890	524,944	Yes	16.50	No	No	Yes	
34	119	PS No. 116	5,683	866	26	190	lift	Assoc. w/ SA No. 126	1,740,822	252,851	Yes	10.00	No	No	Yes	
		PS No. 117	1,049	515	9	601	pump	Assoc. w/ SA No. 126	477,316	891,781	No	7.70	No	No	No	

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		PS No. 118	2,895	3,049	13	0	pump	Excluded	NA	NA	Excluded	3.70	No	No	Excluded	Coliseum flow only, highly variable
		PS No. 119	19,973	1,750	99	266	pump	Assoc. w/ SA No. 121	1,884,002	251,380	Yes	Not Avail.	Yes	No	Yes	
		PS No. 124	21,109	393	118	1046	pump	Assoc. w/ SA No. 126	82,623	1,311,901	No	6.50	No	No	No	
		PS No. 125	9,953	346	53	200	pump	Monitor	729,045	192,495	Yes	Not avail.	Yes	No	Yes	
		PS No. 160	0	0	0	0	lift	Excluded	NA	NA	Excluded	NA	NA	No	Excluded	Located inside Coliseum, no gravity sewer.
		PS No. 161	0	0	0	0	lift	Excluded	NA	NA	Excluded	NA	NA	No	Excluded	Located inside Coliseum, no gravity sewer.
		PS No. 168	0	1,399	0	0	pump	Excluded	NA	NA	Excluded	NA	NA	No	Excluded	No gravity sewer lines.
35	121	PS No. 121	4,365	1,131	17	91	pump	Monitor	518,346	66,679	Yes	Not avail.	Yes	No	Yes	
36	122	PS No. 122	1,721	696	3	0	pump	Excluded	NA	NA	Excluded	NA	NA	No	Excluded	Small pump station, less than 25 gpm
37	123	PS No. 123	27,951	6,490	124	470	pump	Assoc. w/ SA No. 48	4,180,769	366,958	Yes	8.10	No	No	Yes	
		PS No. 134	29,749	11,249	118	856	pump	Assoc. w/ SA No. 37	501,987	681,406	No	30.1	Yes	No	Yes	
38	153	PS No. 126	8,826	3,210	48	416	lift	Monitor	709,656	580,581	Yes	Not avail.	Yes	No	Yes	
		PS No. 153	432	610	5	562	lift	Assoc. w/ SA No. 162	32,758	434,801	No	5.60	No	No	No	
39	127	PS No. 127	43,979	3,444	214	1224	pump	Assoc. w/ SA No. 125	3,352,905	1,071,868	Yes	15.20	No	No	Yes	
40	130	PS No. 130	10,193	4,486	51	147	lift	Monitor	0	102,357	Yes	Not avail.	Yes	No	Yes	Surcharged, 9/25 rain event 3.36"
		PS No. 135	11,797	3,358	74	198	pump	Assoc. w/ SA No. 130	0	175,472	Yes	20.50	No	No	Yes	Assoc. basin surcharged 9/25 rain event 3.36"
		PS No. 163	3,200	2,065	14	10	pump	Assoc. w/ SA No. 130	0	58,956	yes	1.40	No	No	Yes	Assoc. basin surcharged 9/25 rain event 3.36"
41	131	PS No. 131	48,383	1,529	206	1112	pump	Assoc. w/ SA No. 125	3,810,095	871,676	Yes	7.30	No	No	Yes	
42	132	PS No. 132	18,459	2,434	93	668	pump	Assoc. w/ SA No. 142	206,676	514,801	No	6.40	No	No	No	
		PS No. 142	18,226	4,751	100	317	lift	Monitor	202,297	242,361	No	Not avail.	Yes	No	Yes	
		PS No. 146	44,532	4,268	231	1086	lift	Monitor	0	835,352	No	8.60	No	No	No	Low flows, no response to wet weather, 9/25 rain event 3.4"

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		PS No. 165	6	0	0	0	pump	Excluded	NA	NA	Excluded	NA	NA	No	Excluded	Sandy Bottom Park. No population served.
		PS No. 166	111	0	0	0	pump	Excluded	NA	NA	Excluded	NA	NA	No	Excluded	Sandy Bottom Park. No population served.
		PS No. 167	124	0	0	0	pump	Excluded	NA	NA	Excluded	NA	NA	No	Excluded	Sandy Bottom Park. No population served.
43	133	PS No. 133	42,081	11,011	205	1205	pump	Assoc. w/ SA No. 125	3,061,490	952,884	Yes	25.2	Yes	No	Yes	
		PS No. 143	12,007	8,252	55	83	lift	Monitor	3,498,513	277,328	Yes	Not avail.	Yes	No	Yes	
		PS No. 150	1,223	6,441	8	16	pump	Assoc. w/ SA No. 162	80,910	61,779	Yes	Not avail.	Yes	No	Yes	
44	136	PS No. 136	20,779	2,284	81	490	lift	Monitor	0	380,676	Yes	Not avail.	Yes	No	Yes	Surcharged, 9/25 rain event 3.36"
45	137	PS No. 137	23,371	2,899	33	253	pump	Assoc. w/ SA No. 126	562,925	261,009	Yes	4.10	No	No	Yes	
46	140	PS No. 140	3,217	813	14	247	lift	Monitor	422,691	478,708	No	5.4	No	No	No	
47	141	PS No. 141	17,523	390	92	1382	lift	Assoc. w/ SA No. 121	2,136,197	1,245,671	Yes	5.60	No	No	Yes	
48	144	PS No. 144	1,636	1,256	9	224	lift	Assoc. w/ SA No. 162	117,912	180,483	No	Not avail.	Yes	No	Yes	
49	145	PS No. 145	16,599	699	95	451	lift	Monitor	0	368,728	Yes	Not avail.	Yes	No	Yes	Surcharged, 9/25 rain event 3.36"
50	147	PS No. 147	8,870	1,520	41	1018	lift	Monitor	250,125	784,512	No	4.50	No	No	No	
		PS No. 148	6,418	2,367	13	29	pump	Assoc. w/ SA No. 147	126,379	18,047	Yes	1.10	No	No	Yes	
51	151	PS No. 151	27,010	1,714	126	830	lift	Monitor	349,011	685,364	No	14.40	No	No	No	
52	152	PS No. 152	3,761	2,057	10	31	pump	Assoc. w/ SA No. 162	185,356	5,089	Yes	Not avail.	Yes	No	Yes	
53	154	PS No. 154	32,163	1,516	149	584	lift	Monitor	0	435,655	Yes	Not avail.	Yes	No	Yes	Surcharged, 9/25 rain event 3.36"
		PS No. 170	1,738	378	10	30	pump	Assoc. w/ SA No. 162	125,593	21,700	Yes	Not avail.	Yes	No	Yes	
54	159	PS No. 159	7,421	831	39	81	pump	Monitor	67,217	61,225	Yes	14.70	No	No	Yes	
55	162	PS No. 162	4,156	1,456	14	72	lift	Monitor	186,139	55,304	Yes	1.20	No	No	Yes	

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56	164	PS No. 164	191	372	1	6	pump	Assoc. w/ SA No. 24	31,922	1,426	Yes	Not avail.	Yes	No	Yes	
57	NN	NN PS No. 002	9,303	0	39	0	pump	Excluded	NA	NA	Yes**	NA	No**	No**	Yes	SSES Basin for Newport News
58	NN4	NN PS No. 004	1,981	0	10	0	pump	Excluded	NA	NA	Yes**	NA	Yes**	No**	Yes	SSES Basin for Newport News
59	203	HRSD No. 203/ Bay Shore	39,242	4,584	183	1012	pump	Assoc. w/ SA No. 48	5,693,157	775,031	Yes	NA	No*	No	Yes	
60	204	HRSD No. 204/ Bloxoms Corner	26,100	7,515	143	533	pump	Assoc. w/ SA No. 44	0	402,085	No	NA	No*	Yes	Yes	Assoc. basin has low flow, no response to wet weather 9/25 rain event 3.51"
61	206	HRSD No. 206/ Bridge Street	44,506	141	217	1064	pump	Assoc. w/ SA No. 23	852,399	954,933	No	NA	No*	Yes	Yes	
62	208	HRSD No. 208/ Claremont Avenue	227,040	7,206	875	5227	pump	Assoc. w/ SA No. 23	4,388,927	4,037,573	Yes	NA	No*	Yes	Yes	
63	209	HRSD No. 209/ Copeland Park	19,208	3,754	84	250	pump	Assoc. w/ SA No. 143	4,899,014	171,685	Yes	NA	No*	No	Yes	
64	217	HRSD No. 217/ Langley Circle	12,959	2,281	30	267	pump	Assoc. w/ SA No. 21	549,930	558,374	No	60.00	Yes*	Yes	Yes	
65	219	HRSD No. 219/ Newmarket	145,960	11,040	688	4292	pump	Assoc. w/ SA No. 23	3,071,598	3,533,836	No	53.00	Yes*	No	Yes	
66	223	HRSD No. 223/ Washington St	82,458	8,665	390	2541	pump	Assoc. w/ SA No. 23	1,611,431	1,951,056	No	NA	No*	Yes	Yes	
67	224	HRSD No. 224/ Woodland Road	86,259	3,132	438	2105	pump	Assoc. w/ SA No. 23	1,741,304	1,681,338	Yes	NA	No*	No	Yes	
68	225	HRSD No. 225/ Willard Ave	49,644	2,290	204	1201	pump	Assoc. w/ SA No. 44	0	959,899	No	58.00	Yes*	Yes	Yes	Assoc. basin has low flow, no response to wet weather 9/25 rain event 3.51"
**Newport News Report																

Figure 4.1 Summary SSES Schedule

Year	Pump Station Service Area	Ranking	Total If Gravity Main		Smoke Testing At Specific Locations Determined by City	Accessible Manhole Inspections	CCTV	Dye Floods At Specific Locations Determined by City	Additional Flow Monitoring At Specific Locations Determined by City	Pump Runtime Analysis	Pump Station Evaluation (PSE)	Force Main Assess (FMA)	Comments
2009	203	1	39,242	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; Complete manhole inspections, FMA and PSE; smoke testing as needed.
				% Complete	0%	93%	100%	0%	0%	100%	by HRSD	by HRSD	
	119	2	19,973	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	209	3	19,208	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	If Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	by HRSD	by HRSD	
	20	4	2,636	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	48	5	30,228	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	24	6	3,299	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; FMA, pump runtime analysis and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	0%	0%	0%	
	121	7	4,365	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	104	8	15,208	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	23	9	48,424	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	134	10	29,749	Plan	as needed	as needed	as needed	as needed	as needed	Failed	Required	Required	Passed Peak threshold analysis by association. Failed pump station run time analysis. PSE to be performed.
				% Complete	0%	0%	0%	0%	0%		0%	0%	
	NN	*	9,303	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis; manhole and CCTV inspections to be conducted by Hampton and FMA and PSE to be performed by Newport News.
				% Complete	0%	0%	0%	0%	by NN	100%	by NN	by NN	
	NN4	*	1,981	Plan	as needed	100%	100%	as needed	as needed	Failed	Required	Required	Failed threshold analysis, failed pump run time analysis; manhole and CCTV inspections to be performed by Hampton and FMA and PSE to be conducted by Newport News.
				% Complete	0%	0%	0%	0%	by NN	100%	by NN	by NN	
	2009	Sum	223,616		0	855	151,326			3	11		
2010	204	11	26,100	Plan	as needed	as needed	as needed	as needed	as needed	Passed	Not Req'd	Required	Passed Peak threshold analysis by association. SSES investigations will be performed as needed to eliminate SSO.
				% Complete	0%	0%	0%	0%	0%	100%	NA	by HRSD	
	123	12	27,951	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	131	13	48,383	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	115	14	70,946	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	217	15	12,959	Plan	as needed	as needed	as needed	as needed	as needed	Failed	Required	Required	Passed Peak threshold analysis by association. SSES investigations to be performed on an as needed basis to address unresolved SSOs. HRSD to address PS capacity issue due to pump run time analysis failure.
				% Complete	0%	0%	0%	0%	0%		by HRSD	by HRSD	
	127	16	43,979	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	154	17	32,163	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	223	18	82,458	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Passed Peak threshold analysis by association. SSES investigations will be performed as needed to eliminate SSO.
				% Complete	0%	99%	100%	0%	0%	100%	by HRSD	by HRSD	

Year	Pump Station Service Area	Ranking	Total If Gravity Main		Smoke Testing At Specific Locations Determined by City	Accessible Manhole Inspections	CCTV	Dye Floods At Specific Locations Determined by City	Additional Flow Monitoring At Specific Locations Determined by City	Pump Runtime Analysis	Pump Station Evaluation (PSE)	Force Main Assess (FMA)	Comments
	206	19	44,506	Plan	as needed	100%	100%	as needed	as needed	Passed	Not Req'd	Required	Passed Peak threshold analysis by association. SSES investigations will be performed as needed to eliminate unresolved SSO.
				% Complete	0%	98%	100%	0%	0%	100%	by HRSD	by HRSD	
	133	20	42,081	Plan	as needed	100%	100%	as needed	as needed	Failed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				0%	0%	0%	0%	0%	0%	0%	0%	0%	
	26	21	11,208	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	113	22	67,771	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
% Complete				0%	0%	0%	0%	0%	100%	0%	0%		
2010	sum	456,454		0	1,501	316,531			2	10			
	141	23	17,523	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	14	24	16,460	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; Complete manhole inspections, FMA and PSE; smoke testing as needed.
				% Complete	0%	93%	100%	0%	0%	100%	0%	0%	
	11	25	68,267	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association, FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	101%	100%	0%	0%	100%	0%	0%	
	225	26	49,644	Plan	as needed	100%	100%	as needed	as needed	Failed	Required	Required	Passed Peak threshold analysis by association. SSES investigations to be performed on an as needed basis to address unresolved SSOs. HRSD to perform PSE.
				% Complete	0%	98%	100%	0%	0%		by HRSD	by HRSD	
	22	27	24,029	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	36	28	52,041	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	12	29	16,685	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; FMA, pump runtime analysis and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	0%	0%	0%	
	208	30	227,040	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed Peak threshold analysis by association. Complete manhole inspections. Additional SSES investigations to be performed on an as needed basis to address unresolved SSOs. HRSD to perform PSE and FMA.
				% Complete	0%	97%	100%	0%	0%	100%	by HRSD	by HRSD	
	27	31	60,667	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	224	32	86,259	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection by Hampton, and FMA and PSE by HRSD; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	by HRSD	by HRSD	
	15	33	5,734	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	126	34	8,826	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	6	35	15,866	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; Complete manhole inspections, FMA and PSE; smoke testing as needed.
				% Complete	0%	98%	100%	0%	0%	100%	0%	0%	
	5	36	7,681	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	102	37	42,697	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	219	38	145,960	Plan	as needed	as needed	as needed	as needed	as needed	Failed	Required	Required	Passed Peak threshold analysis by association. HRSD to address PS capacity issue due to pump run time analysis failure
				% Complete	0%	0%	0%	0%	0%	by HRSD	by HRSD		
	3	39	4,030	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	125	40	9,953	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA,

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2011				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	pump runtime analysis and PSE to be performed; smoke testing as needed.
	21	41	12,101	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; FMA, pump runtime analysis and PSE to be performed and smoke testing as needed.
				% Complete	0%	109%	100%	0%	0%	0%	0%	0%	
	135	42	11,797	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	136	43	20,779	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	17	44	5,506	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	31	45	45,512	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	106%	100%	0%	0%	100%	0%	0%	
	47	46	14,293	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	152	47	3,761	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	143	48	12,007	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	103	49	4,060	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	137	50	23,371	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	32	51	17,897	Plan	0%	100%	0%	as needed	as needed	Failed	Required	Required	Passed Peak threshold analysis by association; Failed pump run time analysis. FMA and PSE to be performed
				% Complete	0%	96%	100%	0%	0%		0%	0%	
	7	52	23,895	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association, Complete MH inspections, FMA, and PSE to be performed
				% Complete	0%	98%	100%	0%	0%	100%	0%	0%	
	106	53	36,614	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	159	54	7,421	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	164	55	191	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	145	56	16,599	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	101	57	9,542	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	2	58	1,341	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	130	59	10,193	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	51	60	3,042	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	150	61	1,223	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	45	62	1,962	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV

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				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	inspection, FMA, and PSE to be performed; smoke testing as needed.
	10	63	7,322	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis; FMA, pump runtime analysis and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	0%	0%	0%	
	107	64	14,664	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	170	65	1,738	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	34	66	5,886	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	38	67	2,130	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	28	68	1,732	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	13	69	13,194	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	163	70	3,200	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	16	71	4,972	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association, FMA and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	162	72	4,156	Plan	as needed	0%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	144	73	1,636	Plan	as needed	0%	0%	as needed	as needed	Required	If Req'd	Required	Passed Peak threshold analysis by association; Pump run time analysis is the only issue. PS Capacity Evaluation will be performed if PS fails Pump Run Time analysis
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	148	74	6,418	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	116	75	5,683	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, and PSE to be performed; smoke testing as needed.
				% Complete	0%	0%	0%	0%	0%	100%	0%	0%	
	142	76	18,226	Plan	0%	100%	0%	as needed	as needed	Required	If Req'd	Required	Passed Peak threshold analysis; Pump run time analysis is the only issue. PS Capacity Evaluation will be performed if PS fails Pump Run Time analysis
				% Complete	0%	0%	0%	0%	0%	0%	0%	0%	
	25	77	1,057	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis by association; FMA, pump runtime analysis and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	0%	0%	0%	
	112	78	3,532	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	100	79	10,139	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA, PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	98	80	1,800	Plan	as needed	100%	100%	as needed	as needed	Required	Required	Required	Failed peak threshold analysis by association; manhole inspections, CCTV inspection, FMA, pump runtime analysis and PSE to be performed; smoke testing as needed.
				0%	0%	0%	0%	0%	0%	0%	0%	0%	
	4	81	6,055	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	111	82	23,763	Plan	as needed	100%	100%	as needed	as needed	Passed	Required	Required	Failed peak threshold analysis by association; FMA and PSE to be performed and smoke testing as needed.
				% Complete	0%	100%	100%	0%	0%	100%	0%	0%	
	2011	sum	1,279,772		0	1,955	380,355			17	58		

Year	Pump Station Service Area	Ranking	Total If Gravity Main		Smoke Testing At Specific Locations Determined by City	Accessible Manhole Inspections	CCTV	Dye Floods At Specific Locations Determined by City	Additional Flow Monitoring At Specific Locations Determined by City	Pump Runtime Analysis	Pump Station Evaluation (PSE)	Force Main Assess (FMA)	Comments
	2009 - 2011	Total	1,959,842		0	4,311	848,212			22	79		